Subs	Substitute for form 1449/PTO			Complete if Known		
-				Application Number	10/648,184-Conf. #5153	
IN	FORMATI	ON DIS	SCLOSURE	Filing Date	August 25, 2003	
S.	TATEMEN	T BY A	APPLICANT	First Named Inventor	Amlan Datta	
	017112m2m1 217m1 2107mm			Art Unit	1794	
	(Use as many	sheets as	necessary)	Examiner Name	H. T. Le	
Sheet	1	of	9	Attorney Docket Number	129843-1099	

		U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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90000	US-3,293,014	12-20-1966	Callender et al.	
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00000	US-3,341,314	09-12-1967	Vukasovich et al.	
9900	US-3,348,956	10-24-1967	Ekdahl	
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/H I /	US-3,560,186	02-02-1971	Nylander	

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Examiner	Foreign Patent Document	Publication Date	Name of Patentee or	Translation			
Initials*	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Yes/No			
/H.L./	EP-0033133	08-05-1981	Licencia Talalmanyokat	w/Abstract			
10000	EP-0036275	09-23-1981	Nitto Boseki Co Ltd	N/A			
00000	EP-0102092	03-07-1984	Mijnster	N/A			
000000000	EP-0159046	10-23-1985	Sumitomo Electric Industries Limited	N/A			
9000	EP-0159173	10-23-1985	Walt Disney Productions	N/A			
/H.L./	EP-0242872	10-28-1987	Pieper Helmut Dipl Ing	w/Abstract			

Examiner Signature	/Hoa Le/	Date Considered	03/27/2009

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. 'Applicant's unique citation designation number (optional). \* See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \* Applicant is to place a check mark here if English language Translation is attached.

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Sut	estitute for form 1449/PTO			Complete if Known		
	, omato 10, 101111 / 11011 1 C			Application Number	10/648,184-Conf. #5153	
IN	NFORMATIO	N DI	SCLOSURE	Filing Date	August 25, 2003	
s	TATEMENT	BY /	APPLICANT	First Named Inventor	Amlan Datta	
				Art Unit	1794	
	(Use as many sh	eets as	s necess ary)	Examiner Name	H. T. Le	
Sheet	2	of	9	Attorney Docket Number	129843-1099	

		U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/H.L./	US-3,736,162	05-29-1973	Chvalovsky et al.	
× × × × ×	US-3,877,918	04-15-1975	Cerbo	
	US-3,887,386	06-03-1975	Majumdar et al.	
	US-3,904,424	09-09-1975	Aoki et al.	
	US-3,924,901	12-09-1975	Phillips	
8	US-3,954,390	05-04-1976	Akhundov et al.	
0000	US-4,002,482	01-11-1977	Coenen et al.	
000	US-4,046,548	09-06-1977	Wood et al.	
8	US-4,057,908	11-15-1977	Mirliss et al.	
800	US-4,102,773	07-25-1978	Green et al.	
8	US-4,153,439	05-08-1979	Tomic et al.	
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Examiner Initials*	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No		
/H.L./	EP-0247817	12-02-1987	Pfizer Inc	N/A	İ	
В	EP-0430995	06-12-1991	Potters Industries Inc	Data sheet		
	EP-0593779	04-27-1994	Mitsubishi Materials Corp	w/Abstract		
	EP-0601594	06-15-1994	Asahi Glass Co	w/Abstract		
	EP-0717675	06-26-1996	PQ Corp	w/Abstract		
/ <u>u</u> /	EP-0891954	01-20-1999	Iberia Ashland Chemical SA	N/A	Ī	

Examiner Date Considered		 	Data	
	Examiner		Date	
	Signature		Considered	

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Sub	Substitute for form 1449/PTO			Complete if Known		
				Application Number	10/648,184-Conf. #5153	
11	<b>NFORMATION</b>	I DI	SCLOSURE	Filing Date	August 25, 2003	
S	TATEMENT B	3Y /	APPLICANT	First Named Inventor	Amlan Datta	
				Art Unit	1794	
	(Use as many sh	eets as	necessary)	Examiner Name	H. T. Le	
Sheet	3	of	9	Attorney Docket Number	129843-1099	

		U.S. PA	TENT DOCUMENTS	
Examiner Initials*	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
7H.L./	US-4,394,346	07-19-1983	Morooka et al.	
8	US 4,448,599	05-15-1984	Mackenzie et al.	
	US-4,487,620	12-11-1984	Neusy et al.	
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o o	US-4,519,777	05-28-1985	Akhtyamov et al.	
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1	US-4,637,990	01-20-1987	Torobin	
- 0000	US-4,643,753	02-17-1987	Braun	
1000	US-4,652,535	03-24-1987	Mackenzie et al.	
3000	US-4,677,022	06-30-1987	Dejaiffe	
8	US-4,749,398	06-07-1988	Braun	
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_	Foreign Patent Document	Publication	Name of Patentee or	Translation		
Examiner Initials*	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Yes/No		
/H.L./	EP-0931778	07-28-1999	Viessmann Werke GmbH & Co	w/Abstract		
/H.L./	EP-0999232	05-10-2000	Stilkerieg et al.	w/Abstract		
/H I /	EP-1172341	01-16-2002	Asahi Glass Co Ltd	N/A		
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7H.L./	DE-3314796 A1	10-25-1984	Mayer-Reiland	w/Abstract		
/H,L./	DE-3908172	09-20-1990	Gumbmann Andreas Dipling	w/Abstract		

Examiner	Date
Signature	Considered

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Sub	Substitute for form 1449/PTO			Complete if Known		
"				Application Number	10/648,184-Conf. #5153	
l IN	NFORMATIO	N DI	SCLOSURE	Filing Date	August 25, 2003	
S	STATEMENT BY APPLICANT		First Named Inventor	Amlan Datta		
				Art Unit	1794	
	(Use as many s	heets as	necessary)	Examiner Name	H. T. Le	
Sheet	4	of	9	Attorney Docket Number	129843-1099	

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
7H.L./	US-4,904,292	02-27-1990	Neusy et al.				
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	US-4,928,479	05-29-1990	Shekleton et al.				
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C	Foreign Patent Document	Publication	Name of Patentee or	Translation				
Examiner Initials*	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Yes/No				
/H.L./	GB-0740145	11-09-1955	Union Des Verreries Mecaniques	w/Abstract & translation by espacenet				
000000	GB-1062410	03-22-1967	E I Du Pont De Nemours and Co	N/A				
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Examiner	Date
Signature	Considered

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Substitu	Substitute for form 1449/PTO			Complete if Known		
0000	Substitute for form 1448/FTO			Application Number	10/648,184-Conf. #5153	
INF	ORMATI	ON DIS	SCLOSURE	Filing Date	August 25, 2003	
STA	STATEMENT BY APPLICANT			First Named Inventor	Amlan Datta	
				Art Unit	1794	
(Use as many sheets as necessary)		Examiner Name	H. T. Le			
Sheet	5	of	9	Attorney Docket Number	129843-1099	

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7H.L./	US-6,969,422	11-29-2005	Mazany et al.			

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Examiner Initials*	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation Yes/No			
/H.L./	GB-1532922	11-22-1978	Dodd, A.	w/Abstract & translation by espacenet			
2000000	GB-1584175	02-11-1981	Potters Industries Inc	w/Abstract & translation by espacenet			
	GB-2019386	10-31-1979	Cape Insulation Limited	N/A			
	GB-2025928	01-30-1980	Nippon Sheet Glass Co Ltd	N/A			
9999999	GB-2248834	04-22-1992	Glaverbel	w/Abstract & translation by espacenet			
/H.L./	GB-2256867	12-23-1992	Potters Industries Inc	w/Abstract			

Examiner	Date	
Signature	Considered	

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0020				Application Number	10/648,184-Conf. #5153	
IN	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	August 25, 2003		
S <sup>-</sup>			First Named Inventor	Amlan Datta		
				Art Unit	1794	
(Use as many sheets as necessary)		Examiner Name	H. T. Le			
Sheet	6	of	9	Attorney Docket Number	129843-1099	

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/H.L./	US-7,112,549	09-26-2006	Yoshitomi et al.				
/HT/	US-2003/0100434	05-29-2003	Yoshitomi et al.				
/H.L.7/	US-2004/0262801	12-30-2004	Hojaji et al.				
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Initials*	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	, pp., ca., ca., ca., ca., ca., ca., ca., ca	
/H.L./	GB-2330138	04-14-1999	Sumitomo Metal Mining Co Ltd	N/A
Name of the last	GB-413294	07-11-1934	Allen	w/Abstract & translation by espacenet
20000000	GB-682432	11-12-1952	Bureau D'Etudes et Laboratoires Annexes	N/A
	GB-743866	01-25-1956	Fife	N/A
	GB-744070	02-01-1956	Fife	N/A
	GB-752345	07-11-1956 05-23-1962	The Standard Oil Co	N/A N/A
- 80	GB-896910		The Carborundum Co	
	JP-09077543	03-25-1997	Chichibu Onoda Cement Corp	w/Abstract
9000	JP-09255383	09-30-1997	Nippon Cement Co Ltd	w/Abstract
00000000	JP-10095648	04-14-1998	Sumitomo Metal Mining Co Ltd	w/Abstract
300000000	JP-11116299	04-27-1999	Sumitomo Metal Mining Co Ltd	w/Abstract
000000000	JP-10152356	06-09-1998	Kanazawa Nama Concrete KK	w/Abstract
000	JP-2000119050	04-25-2000	Sumitomo Metal Mining Co Ltd	w/Abstract
/H.L./	JP-2000302498	10-31-2000	Sumitomo Metal Mining Co Ltd	w/Abstract

Signature Considered	Examiner	Date	
	Signature	Considered	

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Subst	itute for form 1449/PT	0		Complete if Known		
00001				Application Number	10/648,184-Conf. #5153	
l ini	FORMATIC	N DIS	CLOSURE	Filing Date	August 25, 2003	
ST	ATEMENT	BY A	PPLICANT	First Named Inventor	Amlan Datta	
•				Art Unit	1794	
	(Use as many	sheets as n	ecessary)	Examiner Name	H. T. Le	
Sheet	theet 7 of 9 Attorn		Attorney Docket Number	129843-1099		

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/H.L./	JP-2000143307	05-23-2000	Sumitomo Metal Mining Co Ltd	w/Abstract		
10000000000	JP-2001163647	06-19-2001	Sumitomo Metal Mining Co Ltd	w/Abstract		
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/H,L,/	WO-2007/067774	06-14-2007	James Hardie Intl Finance BV	N/A		
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if the patent is to place a check mark bers if English language Translation is attached. possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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			`	Application Number	10/648,184-Conf. #5153		
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S	TATEMENT B	3Y /	APPLICANT	First Named Inventor	Amlan Datta		
				Art Unit	1794		
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Sheet	8	of	9	Attorney Docket Number	129843-1099		

	NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  AMARAL, S.T., et al., "Passivation of pure iron in alkaline solution containing silicate and sulphate - Galvanostatic and Potentiostatic studies," Corrosion Science, 1999, Vol. 41, pp. 747-758.  DROGOWSKA, M., et al., "Influence of anions on the passivity behavior of copper in alkaline solutions," Surface and Coatings Technology, 1988, Vol. 34, pp. 383-400.  HOAR, T.P., "The Production and breakdown of the passivity of metals," Corrosion Science, 1967, Vol. 7, pp. 341-355.							
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			Application Number	10/648,184-Conf. #5153				
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Sheet 9 of 9  "Digital Fire Corporation ""Do You Need to Kr website article located at http://www.digitalfire.ab.ca/cermat/education/06d5 dated 7/14/2003"  "Technology Education - Glass"" by Encyclop http://www.geocities.com/tech_ed_2000/indus "Sphere Services Inc. ""Cenospheres - Hollow http://www.sphereservices.com/ceno.html dat U.S. Patent Application Ser. No. 10/977,344 Engineered Carbide and Nitride Composites"  U.S. Patent Application Ser. No. 11/026,340 ft Producing Low Density Products"; First-Named Inve Methods of Making Same"; First-Named Inve					edia Britannica (4 pgs strial/manufacturing/gl v Ceramic Microspher ed 5/15/2007 (2 pgs) iled Oct. 29, 2004 ent first-Named Invento iled Dec. 29, 2004 en ed Inventor: Hamid Ho iled Aug. 25, 2003 en	es) website and ass/glass.hres"" website "Manufr: Giang Bistitled "Methologiaji (Abandotitled "Synth	rticle located at tm dated 5/15/2007" e article located at facture and Use of can ods and Formulations for oned 12/8/05) etic Microspheres and	
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